

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: launerb@crl.com (William H. Launer)
Subject: [9734] 10 Meter contact
Message-ID: <v01520d0cade3d434ed8e@[192.0.2.1]>

qrp-1 gang

Just made my first 10 meter cw contact in years - tried calling cq on 28.060 to no avail, so I tuned around and got KD4PUP in Springfield, VA by "tail-ending" his previous qso. He was "qro" with 50 watts, and I was "qrp" with 5 watts to a trap dipole. Solid copy on both ends (although he said I wasn't moving his s-meter at all. This is typical on 10 meters, though.

Lets get some more activity on 10 - when it's open, you can work the world with 5 watts!

72/73 - Bill wb0cld
St. Charles, MO

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-1 #279 qrp arci #3551

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Doug Cooper <dougco@efn.org>
Subject: [9719] 49er info
Message-ID: <Pine.SUN.3.91.960611122533.26354A-100000@garcia.efn.org>

Would someone please send me the ftp site for 49er mods? I tried the qrp-1 web site but they were not there. tnx.

doug/n7cnh

dougco@efn.org

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [9731] a piece of ancient history
Message-ID: <Pine.SOL.3.91.960611203022.12101A-100000@utkux4.utcc.utk.edu>

I was asked to write the following for the 10-10 News and thought that it might interest those who have an interest in some of ham radio's historical oddities. So here it is--and both stations were using 1-tube rigs and regenerative receivers.

-73-
LB, W4RNL

Imagine yourself on the 22nd of May, 1927, about 0200 Paris time. What would you be thinking? Much of the North American and European world was wondering whether Charles Augustus Lindbergh had successfully crossed the Atlantic solo in his Spirit of St. Louis. Somebody knew, and he was later to become a 10-10er.

That night, Jim Cebik, KA1TXF, #53363, was operating under the call 1ATG from Fairfield CT (he now lives a few miles away in Stratford). For international contacts, he added the informally agreed upon prefix NU. He was in contact with 8AKL, that is, F8AKL (the "F" was also informal then) in the Paris area. The wavelength was 42 meters with minimum QRM and no QRN. The French operator sends QRX, please wait. He steps outside his shack to investigate a noise overhead. He returns to the air with the report that Lindbergh has passed overhead on his way to Le Bourget airport. Jim is quite possibly the first American on this side of the Atlantic to know that Lindbergh has made it.

F8AKL's name is illegible on the QSL card he sent. Detailed name and mailing address (not to mention county, 10-10 number, grid square, etc.) had not yet become standard parts of the card's format. Nevertheless, he confirmed passing on the information with this comment at the bottom of his card: "TNX for QSO OM--gld to kan give u news fm Lindbergh just wen is coming to Paris--PSE QSL." For both operators, the QSO was as exciting as the news of Lindbergh.

For those curious about the date and time, Lindbergh took off from the US (Roosevelt Field) at 7:52 AM EST, May 20, 1927. He flew for 33 hours and 32 minutes. In terms of Eastern time in the US, it was May 21, about half-past 5 in the early evening. In Paris, it was nearly 2 AM, the next day, give or take some looseness in log keeping in those days. (Another 1927 QSL card just lists the time as "night.")

Jim is 90 this year, still licensed, but not as active as he once was on the air. Off the air, his schedule makes me look feeble by comparison. And,

yes, he clearly remembers this 1927 QSO--and many others, such as working Admiral Byrd's supply ship in the Arctic, a ship he finally set eyes on at Old Mystic Seaport in the 1950s during a family outing there.

I wonder what other historically interesting facts lie buried in the QSL cards of our members.

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: kd7s@valleynet.com (Bill Jones)
Subject: [9674] Answers re NP0 vs C0G
Message-ID: <199606111303.GAA23964@valleynet.com>

My sincere thanks to the many who responded to my question concerning the differences (if any) between NP0 and C0G capacitors. The consensus is that while there is little difference between *quality* capacitors rated NP0 or C0G, beware of sub-standard caps with either of these temperature coefficients. Just because it is marked NP0 doesn't mean it's suitable for use in the tank circuit of a 40 meter VFO

=====
Bill Jones - KD7S <><
QRP-L Member #85
Sanger, California
Reply to kd7s@valleynet.com
=====

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: 11-Jun-1996 0921 <randolph@asic.ENET.dec.com>
Subject: [9680] Argo 505: some success
Message-ID: <9606111346.AA13920@us4rnc.pko.dec.com>

Last night I finally finished aligning every possible thing. It transmits about 1W on all 5 bands now. It receives well on 80-15, and 10 receives ok but seems to be a bit deaf. I actually popped the two transistors (like, DUH!) that control the transmitter offset, so I had to replace them with 2N2222. The 2N2222s have more capacitance than the 2N5134s they replaced, so the offset trimmers tune a little different now.

40m was still swamped by the 9.000 MHz RTTY station, so I rigged up a trap with a toriod and a mica-compression trimmer cap and put it in place just after the T/R relay. It more or less worked... I can still hear the RTTY in the background, but it's not overloading the receiver to the point that I can't hear 40m signals. Nothing left to do now but make some contacts! The trap info,

if anyone wants to try it, is: 14 turns #26 on a T37-6 toroid, in parallel with around 530 pF. You need to be able to trim it, since it's fairly sharp. A couple of folks thought Ten-Tec might have put a trap in there at the factory, but I couldn't find any sign of one... the only filtering in there seems to be for transmit only!

Thanks to all who offered help!

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=====
Tom Randolph  N100Q  NE-QRP 419  QRP-L 87  ARRL      randolph@asic.enet.dec.com
=====
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From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: teixeira@ccnet.ccnet.com (T E I X E I R A)
Subject: [9667] Code Practice San Francisco & Monterey Bay Area
Message-ID: <v01520d00ade18d425e98@[206.80.32.115]>

There is a code practice net every Wenesday at 7:30 to 8:00 pm. It's on the K6FB repaters (145.45- pl 100 & 442.575) These repeaters cover most of the San Francisco & Monterey Bay Areas, south to Paso Robles and parts of the Sierras.

This net is for begginers to 5wpm and some 13 wpm. I use the Farnsworth method (5wpm= 5wpm spacing @ 16 wpm characters)

All are welcome!

Don AC6TG
Fremont, CA

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: sholla@panasonic.atlanta.com (Holland, Steve)
Subject: [9687] CW practice methods
Message-ID: <1996Jun11.104100.1619.28362@ntserver.panasonic.atlanta.com>

This is another idea that might help. A lot of new hams don't have the equipment to receive W1AW so one of our local clubs has code practice on

their repeater on one night a week. This allows the new hams to get an intro to CW without a great amount of expense. I am sure it would not be to difficult to set this up for your club. The same method could be used by the hams on simplex to practice sending. This would cut some of the cost down. 73 de N9HXX

Steve
sholla@panasonic.atlanta.com

From: ptaber[SMTP:ptaber@logiccraft.com]
Sent: June 11 1996 10:18
Subject: Re:MEMORANDUM: CW Requirement Eliminate

At 06:42 PM 6/8/96 -0600, you wrote:

>I belong to a somewhat new radio club in my area that has quite a few new
Tech Class hams. We are trying to get them to upgrade, so I need frequencies
and times that CW practice is given on the air. Can anyone help me with this
item?
>

I assume you now have enough W1AW operating schedules to paper your house,
so I won't send one along. I would like to suggest that you might want to encourage the Techs and others of your club to get multi-mode VHF/UHF gear
and get on the weak signal freqs and learn CW by doing.

Most hams seem to have a fixation that HF *is* ham radio and even some hams
who should know better were all over the Tech license because "there is no
place for them to learn CW." The weak signal areas of 2m and 70cm are hot with CW (and SSB) during contests and often have people working activity nights. 6m is even more populated and there's a chance for some good DX! All
of these areas could stand some development and personally I'm hoping the Tech license makes it happen.

If you could get enough people to gear up for one of the V/UHF bands, then
you could set up a local watering hole where people could get on and exchange elephant jokes or whatever and CW proficiency would follow as night
follows day. There's nothing like sending among friends to give

confidence
and confidence is all it takes to do CW.

72,
>>>==>PStJTT (KC1TD)

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Ahlgren@NCSBSR020U.ntc.nokia.com (Ahlgren Jukka (NTC/BS-OU))
Subject: [9672] CW to die?
Message-ID: <1996Jun11.120339.1604.93372@ntcit-mmta7.ntc.nokia.com>

Folks,

If they allow ssb to be used in the whole band,
the importance of a good narrow cw filter will
increase. So, those loved KISS-type receivers
may find their rest in a shelf.
With a good filtering, cw is still useful between
strong ssb signals, so we still have a little hope.

Jukka OH6SC

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Stan Wilson <microres@crl.com>
Subject: [9726] DSP info
Message-ID: <31BDE345.1D95@crl.com>

Those interested in experimenting with DSP should take a look at the
following article on the WEB.

<http://www.nitehawk.com/rasmit/dsp10.html>

Using the TI \$99 kit and software on ARRL BBS.

de stan ak0b

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: brian.carling@acenet.com (Brian Carling)
Subject: [9666] E-mail problems...
Message-ID: <2a6.93106.500@acenet.com>

The following is a copy of a message that I sent to PIPELINE today (to SUPPORT & SUGGEST) following the report to me of yet ANOTHER person sending important e-mails to me that never arrived here.

THATS IT!!

I am TIRED of reading messages like this from my correspondents!
I have been on PIPELINE / PSI net for the past 4 months and have had nothing but trouble out of the e-mail.

I CONSTANTLY get messages like this from people who say that they have not been able to get a message through to me via e-mail.

Your service stinks! I am outta here as soon as I notify all of my correspondents.
This is REALLY disgusting and VERY disappointing.

I get a lot of IMPORTANT e-mail sent to me that never arrives, and after sending MANY MANY reports to ou guys and MANY MANY complaints, we are NO better off than when I first noticed my e-mail in and out bound were not arriving shortly after I signed on to PIPELINE back in MARCH 1996.

I am going to warn others to stay away from Pipeline because it is just NOT a reliable ISP at all.
Sorry it had to end like this. I ave you many chances to correct the problems.

>----- Forwarded message (David Schneier <zion@paco.net>) -----<

At 03:56 AM 6/7/96 -0400, you wrote:

>Hi David???

>Are you still there? We got one e-mail from Jacob & replied to him, but >never heard any more.

>I thought that perhaps you guys had been travelling!

>Michal's graduation Day is tomorrow.

>>Dear Brian,

>>Every time I write you it comes back undelivered. We leave today and
>>arrive 3:40 p.m. at Dulles tomorrow (Austrian Air).

=====
THEREFORE:

Greetings,
I am writing to let you know of a CHANGE OF ADDRESS for all e-mail
correspondence!

Please note that I am no longer going to be using the PIPELINE
e-mail address that I have used for the past 4 months.
It was: bry2@usa.pipeline.com OR bry2@pipeline.com

I have found that PIPELINE / PSI Net has been SO terribly unreliable for
both incoming and outgoing e-mails, that I absolutely MUST switch
from this ISP to another.

Please make the following change in your bookmarks, address books etc.
>From now on, please address all e-mails to me at:

brian.carling@acenet.com

I will soon be adding an additional e-mail address, so that I can get
mail at two reliable places instead of one very UNRELIABLE one!

I will notify you as soon as I get set up at DC Link. For now though,
ACENET should work fine & the great thing is that it is a FREE ISP!

I would really appreciate it if you could keep in touch with me.
Thanks for your correspondence in the past, and thank you for
noting this change. You will need to update all address books and
other software storage to reflect this change so that your e-mails to me
do not bounce back to you.

Looking forward to hearing from you.

Best regards - Brian Carling

* SLMR 2.1a * "I dropped the toothpaste" said Tom, crestfallen!

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: John Mckee <jmckee@rfmd.com>
Subject: [9679] end fed wire impedence

Message-ID: <199606111343.JAA117845@nss2.CC.Lehigh.EDU>

Gang,

Could someone give me a ballpark impedance for an end fed wire approximately $\frac{3}{8}$ of a wavelength and 20 to 30 feet above average ground and connected to a few resonant counterpoise wires.

I want a simple wire antenna for reliable short and medium range (NVIS) QRP communications on 80 meters but I don't have room for a full size dipole.

Also, would there be any advantage in using multiple wires to make the antenna fatter?

How about other ideas? Keep in mind this is NOT intended to be a DX performer. I just want reliable communications out to about 500 miles.

Tnx es 72

John WB40FT

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: krelic@gnn.com (Curt Krelic)
Subject: [9673] FS: OHR 400 STN
Message-ID: <199606111211.IAA31768@mail-e2b-service.gnn.com>

Hello All:

Just in time for field day!

For Sale: Oak Hills 400 4 bander 80,40,30,20 with keyer and PC1 Counter

Alignment done at Oak Hills with latest Mods. \$400 Shipped lower 48

If interested email, <krelic@gnn.com>

Tnx and 73 Curt Ka3ivb

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: RHILT0@acxiom.com
Subject: [9678] Ground rods
Message-ID: <1bd76c60@acxiom.com>

This weekend I went o my local hardware emporium looking for ground rods; they offered 8 foot solid copper ground rods for what I thought was a high price. To my surprise, they also offered 8 foot solid something galvanized ground rods for about half price. Are the galvanized rods as good as the copper rods?

This set me to thinking of ways to save \$\$ (hey - I _am_ a ham, and I have to uphold the finest tightwad traditions) -- could I use EMT (electrical metallic tubing)? What about copper tubing? Is this a case of saving a few \$\$ and endangering my whole house?

7.3, ki5ez
Bob

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: "UNITOG" <unitogh@hondutel.hn>
Subject: [9675] Ham Stores In PA
Message-ID: <199606110734.HAA00329@miraf-server2.hondutel.hn>

Are there a few of you gentlemen who are familiar with the N.E. PA area that can recommend to me a favorite radio store or two? Allentown, Reading areas in particular. I will be traveling to the area in a couple of weeks.

Muchas Gracias!

HR3TFD
Todd DeWire
unitogh@hondutel.hn

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Joe Gervais <vole@primenet.com>
Subject: [9728] Hamsticks for 30m: Source
Message-ID: <199606112248.PAA08339@primenet.com>

Howdy All,

Just in case anyone was having a hard time finding Hamsticks for 30m, Lakeview Company Inc. (pg. 116 in June '96 QST) has a bunch of 'em at the moment. Just ordered a 30m and 40m version today. Can't say I'm a happy customer since I don't have the goods yet, but they were pleasant when I placed the order. :-)

Their phone # is (864) 226-6990. Note the area code given in their ad is out of date (recording tells you to use 864 instead). Forgot to mention that when I called them...

Happy hamming!

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPion #7

KC7NEV TMPS 1996 Qs=006 States=6 Confirmed=0 DX=000
AK, CA, CO, LA, OR, WA

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [9723] Horiz. deltas at 45'
Message-ID: <Pine.SOL.3.91.960611165001.23178A-1000000@utkux4.utcc.utk.edu>

Horizontal Deltas on all bands (45' this time)

Now the question is what happens to a horizontal delta loop at 45', the other favorite ham antenna height. The loop is #12 copper wire, and is at a height of 45', over medium earth. All other heights you will have to interpolate and extrapolate, since the behavior of the loop is consistent with what happens to any horizontal antenna when elevated further. Compare the results of the 35' up model, and you will see the T0 angle go down some on most bands, and the gain go up a bit. Feedpoint is one apex of the equilateral triangle, and any strong lobes are along this axis,

with the slightly stronger signal to the apex direction.

1 wl at 80 meters (total wire length = 1020/f)

Freq	Input Z	Gain	T0 angle	Comments
3.55	115 + 8	6.77	89	
7.15	280 + 200	7.28	41	
10.12	115 - 245	7.22	27	Hex pattern
14.15	280 + 225	10.60	22	Pattern has side ears
18.1	460 + 770	12.57	16	Bigger ears
21.1	180 + 325	12.25	14	6 point star pattern
24.95	515 + 650	13.97	12	Narrow lobes, with frilly ears
28.1	335 + 475	14.30	10	Same as 24.95

1 wl at 40 meters (total wire length = 1045/f)

Freq	Input Z	Gain	T0 angle	Comments
3.55	1670 - 15000	4.15	86	
7.15	160 + 5	5.42	51	
10.12	3120 + 705	5.92	33	
14.15	225 + 160	8.65	22	Diamond pattern
18.1	455 - 1370	8.74	17	Figure-8 pattern
21.1	120 + 235	8.42	14	Hexagon pattern
24.95	630 - 1215	8.61	13	Wiggly fig. 8
28.1	330 + 290	10.77	11	8-lobe pattern

1 wl at 30 meters (total wire length = 1050/f)

Freq	Input Z	Gain	T0 angle	Comments
3.55	19 + 2340	0.42	58	
7.15	90 - 1135	5.31	46	
10.12	120 - 5	6.05	32	
14.15	3580 + 385	6.17	22	diamond pattern
18.1	265 - 315	7.33	17	diamond pattern
21.1	360 + 525	8.73	15	diamond pattern
24.95	930 - 1795	9.06	12	Figure-8 pattern
28.1	100 - 220	8.92	11	Hexagon pattern

Increased elevation can improve performance for a single element antenna. However, our increase of 10' did not make a very substantial difference in performance, because it was not a very significant increase in height. Input impedances are close between models. The differences might only be noticed in models and not in actual operation. Since you can use the 35' and 45' data to extrapolate for other typical ham heights (or see the article on the affects of heights on ham antennas I did for Communications Quarterly a few years ago), this will be the last notes on horizontal deltas and loops. I've been warned about burning out. . .

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: a0378@freenet.uni-bayreuth.de (Karl-Heinz Merscher)
Subject: [9668] How to increase the power of OHR Expl. II
Message-ID: <199606110547.HAA02747@btr0x7.hrz.uni-bayreuth.de>

Hi Folks:

Does anybody know how to increase the output power of the OHR Explorer II??
I would like to have about 5 watts output.

Thanks for your help!

vy 73 de DL6RDE/AA1KD/OK8EAR, Charlie

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: BWHITTEM@mailgw.sanders.lockheed.com
Subject: [9704] how to switch to digest?
Message-ID: <1bda66e0@mailgw.sanders.lockheed.com>

could someone please send me the method to switch to digest
and to unsubscribe? im not sure which one im going to do
yet. ive got to cut down on the numbers of email msgs im
getting. ive got a new home adress now and may switch to
taht or just get the digest from the web page. the
helpfulness of this group is outstanding and the info
enormous. but im deleting to many messages every day.

thanks

barry

wb1edi

now wb1edi@scoot.netis.com

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: w0rw@kktv.com
Subject: [9724] HW-7 w/DSP For Sale
Message-ID: <TCPSMTP.16.6.11.14.47.20.2240783031.1364949@kktv.com>

Heathkit HW-7 with Radio Shack DSP filter For Sale (\$100) or Trade

These two make a great pair..The HW-7 with the DSP is really a sharp receiver.

Both run on 12VDC, The DSP filter has a built in speaker.

Paul Signorelli w0rw@kktv.com
P.O.Box 6069
Colorado Springs, CO 80934-6069

72's

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: "evans ken" <evans.ken@wgs-2.bwi.bls.com>
Subject: [9693] Is QRP Dead
Message-ID: <n1377629239.45902@wgs-2.bwi.bls.com>

I cannot resist commenting on the latest concerns that the CW proficiency requirement for an amateur license will soon be dropped. First some information on me. I hold an extra class license, have been a ham for 36 years, and operate 90% CW (I like the mode)

I have not read, nor can I list, any good reasons for a code proficiency requirement for an amateur license. It made sense in the early days when code was used by commercial and military organizations. We amateurs could assist in emergencies - having code skills was a must at that time. However, commercial and military groups have all but ceased the use of code. Citing better and more reliable forms of communications.

Code is a "non-intellectual skill". For those having little or no interest in CW, it has been and continues to be a barrier to obtaining amateur privileges.

There are many who are concerned about the "CB types" entering the hobby when code is dropped. I saw a button at Dayton that read " Without the code, it's just CB". That is a sad commentary about our hobby. What it says to me is that the current written tests are lacking. The structure we have in place for written examinations allows many to pass the written test by memorizing the questions and answers. I am a volunteer instructor and examiner. I have seen many pass elements for the advanced and extra without an understanding of the written material - They used memorization!

The current code requirement is a feeble attempt to make up for what is lacking on the written exams. I am not advocating that everyone be a Electrical Engineer to enter our hobby. But it is a technical hobby. Those coming in should be tested on basic fundamentals in an environment that insures they have an understanding of the subject matter. Let's correct the problem. Stop publishing questions and answers to the tests. Let's implement an exam

structure that tests knowledge, not memorization skills.

Finally, CW will always be with us. I believe we can make it an attractive mode on its own merits. It does not need to be forced on people through the licensing structure.

Ken Evans evans.ken@bwi.bls.com
KJ4XR

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: svecbrdk@well.com (Lillian Svec and Wayne Burdick)
Subject: [9694] Keep the code requirement: On Morse, Latin, and fundamentals
Message-ID: <199606111545.IAA17479@mh1.well.com>

I disagree with an earlier comment that knowledge of Morse code should be strictly voluntary. If Morse is voluntary it will nearly disappear, just as surely as knowledge of Latin has nearly disappeared among high school students. Some may applaud this, but read on.

I graduated from high school in 1975. Latin was not required, and I have since felt that I missed something important. I've since learned that Latin and its syntactic constructs provide the foundations of many languages, including English. An understanding of Latin helps one learn Spanish, French, Italian and other languages more quickly.

Latin word forms are also the basis of much of the terminology used in science. If you know and appreciate the genesis of these terms, it is far easier to learn unfamiliar terms and to situate them in a model of how the sciences interrelate.

Latin was proclaimed an anachronism by educators unwilling to teach a new generation of students who didn't want to learn any language--including English--and whose appreciation of science has grown more shallow with each passing decade. Sorry, folks, but this has just accelerated the demise of language *and* science.

Now consider Morse code. Like Latin, Morse occupies a unique niche, in this case at the intersection between rudimentary binary signaling (i.e., digital communications) and a semi-universal lexicon (e.g., the English alphabet, not to mention others). As such it is fundamental to what I'll call "marginal" communications: communications in situations where an exchange of information is difficult. Such situations can arise for several reasons: (1) poor propagation; (2) the use of low power; (3) unavailability of complex signaling modes; (4) comprehension problems due to accents and language differences.

Taking each of these marginal communication scenarios in turn, you find that Morse code is an indispensable asset:

- (1) If propagation is poor, CW will get through when many other modes won't;
- (2) If power is reduced (this is QRP comes in, folks) communication often occurs at or below the noise floor, and CW is again often the only way to get a message through;
- (3) If all digital, SSB, FM and other complex signaling modes are unavailable because of equipment failure, and you're in an emergency situation, you can often still get a message through by cycling the power to the transmitter in an ad-hoc fashion, i.e. sending Morse code by making and breaking the battery contact;
- (4) Many people who know a little English can communicate via Morse even if they would be completely unable to understand each other over a voice channel.

Also, let's not forget that building a CW transmitter is the first rite of passage for anyone who wants to understand radio electronics. Morse is as fundamental to the radio art as 0 and 1 are to Boolean algebra.

I hope that we can recognize the value of the code, and not let the fact that it is hard for some to learn seal its fate. Are we a bored, restless, illiterate lot who must be coddled with simpler subjects?

Let's not give in to the rampant downsizing of knowledge in the 90's. Understand the fundamentals. Keep the code.

Wayne Burdick
N6KR

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: lewise@admin.inetport.com (KA5T Larry Wise)
Subject: [9676] KeyCAD has been found...
Message-ID: <199606111338.IAA08910@admin.inetport.com>

lurking under the title of CAD CREATIONS... A CDROM only package sold via the Softkey displays for 12.98.

I have conferred with mike, wa8mcq, and he verifies that this is the program...

Apparently a remarketing effort.

FWIW

KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: ccashion@spdmail.spd.dsccc.com (Charles Cashion)
Subject: [9698] KNOW CW
Message-ID: <9606111614.AA18169@sun1336.spd.dsccc.com>

Seen on a lapel button at HamComm last Saturday...

KNOW CW

72s, 73s, whatever it takes,
Charles Cashion AC5GT
--

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: KFGlynn@aol.com
Subject: [9705] Ladder-Line saga
Message-ID: <960611132517_553981248@emout08.mail.aol.com>

Hi everyone,

I can't believe this... the Wireman did not have inexpensive ladder-line when I called Fri and yesterday, only stranded at 25 cents/ft. Wanted 300' for temporary ant setups (FD, etc) so didn't want to go for the stranded.

Went with another vendor yesterday afternoon. Did read the Wirebook III, and it's very informative. Want to thank everyone that gave me info re: ladder-line vendors.

73 Kevin KB2TEO

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [9669] ME-61/GRC F/S meter
Message-ID: <199606110208.CAA24300@chuck.dallas.sgi.com>

Gang,

Stu posted and let outta the bag the secret source of equipment he and I picked up at HamCom.

Just to show you what a small world it is, I was sitting on the couch going through old QST's to send to the recycling bin. In the 1996 Feb issue of 73 magazine, Phil Salas, AD5X, a close neighbor by about 25 miles or so wrote an article on the F/S meter. He made two important mods.

He first replaced the corroded pullup antenna with a SO-239 connector mounted from the inside. Using a R/S 270-1409 six-section cordless phone replacement antenna (\$3.49) soldered it to a banana plug R/S 274-721.

Second thing he did was put in a current amp with addition of 1.5V battery, one cap, and a NPN transistor. Pages 18-19 if you have the issue. Email to me and I'll send an ascii version if you have the above critter. I'll mail copy to Stu. He'll be keeper of the info for the above. He started it. :-)

In the Feb issue of CQ, page 69-73 in Dave Ingrams's column are the photos of the paddles including the WBL Design paddle that I wrote up after Dayton.

FYI

--

Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO TMPS 1996 Qs=024 States=17 Confirmed=07 DX=01
AL AZ CA CO FL IL IN MI OK OR SD TN TX UT WA WI WY

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: n5zgt@swcp.com (Brian Mileschosky)
Subject: [9737] NO Backpacking QRPp...
Message-ID: <199606120324.VAA09349@kitsune.swcp.com>

Hello Everybody,

Well, looks like the backpacking trip into the Gila with my NorCal 49'er will not be possible...there is a fire burning there now, and the Gila has been closed. Somebody send New Mexico some rain! LOTS OF IT! I'll send another message if for some reason (Unlikely) the Gila opens back up for my second trip (The 50 miler in late July/early August).

Oh well...will do it sometime! And it might not be the Gila...I might go somewhere else. PHILMONT is a possibility this summer, so that will be even better! I'll let you all know what happens.

72,
Brian, N5ZGT

Boy Scouts of America	Amateur Radio - N5ZGT
JASM -Troop 41	ARRL QRP: NorCal# 1700
Albuquerque, N.M.	Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<<	Internet: n5zgt@swcp.com

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: dolsonj@ix.netcom.com (James Dolson)
Subject: [9720] Norcal 40A Success and Problem
Message-ID: <199606111939.MAA24276@dfw-ix1.ix.netcom.com>

Well, after three nights of construction another Wilderness Radio/NorCal 40A came to life! The only problem was that the VFO didn't appear to work - it was operating on only one frequency. C50 would adjust the frequency, but not R17. The only way that should happen is if the center tap on the 10K pot wasn't soldered. Guess what? It wasn't. A dab of solder and away it went!

Actually there was another problem, the power jack was shorting the power supply! My 15V supply now puts out 20V. Oh well, that's why I have two...

One problem though, and I don't know if it is a problem. The sensitivity seems OK but the audio sounds a little like an HW-8 that I used to own. CW signals sounds good, but there is this funny background white noise (kind of a hollow, echoing, metallic sound).

Are things not tuned up quite right or is that how it is supposed to sound???

Tnx
Jim
WB8ZBD

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996

From: Scott Cranston <cranston@zk3.dec.com>
Subject: [9716] OHR 100 Description
Message-ID: <9606111824.AA08363@falphi.zk3.dec.com>

>From daemon Tue Jun 11 14:01:47 1996
Received: from flume.zk3.dec.com by falphi.zk3.dec.com;
(5.65v3.2/1.1.8.2/20May95-1022AM)
id AA04719; Tue, 11 Jun 1996 14:01:46 -0400
From: <ohrgrp@netonecom.net>
Received: from mail11.digital.com by flume.zk3.dec.com;
(5.65v3.2/1.1.8.2/16Jan95-0946AM)
id AA30686; Tue, 11 Jun 1996 14:01:33 -0400
Received: from netone.netonecom.net by mail11.digital.com (8.7.5/UNIX 1.2/1.0/WV)
id NAA23013; Tue, 11 Jun 1996 13:56:06 -0400 (EDT)
Received: from rc-62.netonecom.net (rc-62.netonecom.net [206.98.17.62]) by
netone.netonecom.net (8.6.12/8.6.9) with SMTP id NAA28596 for
<cranston@zk3.dec.com>; Tue, 11 Jun 1996 13:55:41 -0400
Subject: Re: OHR 100 Info
From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Patrick Franzis <franzis@gdc.com>
Subject: [9688] OHR group buy
Message-ID: <Pine.SUN.3.91.960611102804.26871C-100000@esun212>

Hello all,

On the group buy, I may have missed it but what exactly are the new features of the OHR 100? Is it a new design or an improved Explorer II? I've built the older Spirit 40 and I do recommend these kits to everyone. The performance is great also.

On another note, I recently found a pristine copy of "The Joy of QRP" by Adrian Weiss and just started reading it, good book. I found it in a strange place, a response from an add I placed in Antique Radio Classified! At \$10 including shipping it was a deal I couldn't pass up.

-Patrick N10CJ

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: qrp@gnn.com (R.Schnick)
Subject: [9732] QRP Rigs, etc. for sale
Message-ID: <199606120059.UAA17295@mail-e2b-service.gnn.com>

Here are some goodies I have for sale. Please E-Mail or call me at
814-866-8152 M-F, 7:30-3:00 EDT.

TenTec Argonaut 509 with 405 50-watt amp, 208 audio CW filter, in
good condition, aligned by TenTec 5/95. \$450

TenTec Argosy 525D Digital with audio filter, 500 Hz filter, linear
switch kit, braker kit, good condition, early digital production
model. \$450

TenTec Argonaut 515, only 800 produced, with 208A filter, very
excellent condition with 949 Power Supply. Price . . . call me and
we'll talk.

Tentec Argosy 525 Revision A Model Analog, some case scratches,
just aligned by Tentec, audio filter, 250 Hz filter, mobile
mounting bracket, linear switch kit, braker kits \$400

Call Me or E-mail

Thanks for the bandwidth.

de KA3YJG

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: 210_100_LIB@NEOMNO.NEOMIN.OHIO.GOV
Subject: [9707] QRP's Future Mark II
Message-ID: <01I5S9980IB08WZWSK@NEOMNO.NEOMIN.OHIO.GOV>

Friends, my original posting to this group, entitled "Does QRP have a future?"
was designed to wake some people up on the subject of the IARU's "Future of the
Amateur Service Committee's" recommendations, ie., that this rather formidable
group was going to recommend that the international treaty agreement requiring
some morse proficiency to operate on the HF bands be scrapped. I made no
mention of no-coders or newcomers to the hobby. What I suggested was that in

order to ensure the survival of morse, those who agreed with me that it is worth preserving should write to the proper authorities and let them know how you feel. I would suspect that there are many many no-coders and newcomers to the hobby who also feel that CW is worth saving, though their experience with it would have to be limited. Frankly, if you agree with me then don't tell this list, it has no authority in the matter. Tell the FASC of the IARU. You can reach them by email at "iaru@iaru.org" (Subject: To IARU FASC); by fax on 1 860 594-0259; or by mail to: IARU FASC, c/o IARU International Secretariat, PO Box 310905, Newington, CT 06131-0905.

If, on the other hand, you disagree with me, then so be it. Those of you who think that people with no need to learn morse will learn it in any numbers at all can believe that, but I've thought and thought about similar situations where people have intentionally taken the more difficult way to do something -- even if it could be proven to be more worthwhile -- without being forced to by some authority, and I can come up with none. But, then I'm an old guy, maybe some of you younger bright sparks can give me some examples of this happening. I hope so, because it will serve to cheer me up. This whole thing has depressed me to the point where I am having a hell of a time getting my work done, and I have a hell of a lot of work to do! For those old timers out there who insist that CW will be around forever no matter what, I say you are living in the world of the dinosaur and the dodo bird. They thought they'd be around forever too! Finally, for those of you who think that CW should go so that you have the right to get on HF without much effort, I say, what about my daughter Sara, KB8RHG, sixteen years old and hates to talk on FM or SSB, will only use CW. What about her? Doesn't she have the right to enjoy her aspect of amateur radio too? Thirty years from now? Maybe she'll want her kids to enjoy this aspect of the hobby too. Doesn't she deserve some consideration?

Some of you object to this sort of discussion because it somehow "ain't about QRP" -- well, friends, it is at the heart of QRP, make no mistake about it. My guess is that at least 80% of all QRP contacts are on CW, if CW is pushed off the bands by whateve means, what happens to QRP??

IF YOU AGREE WITH ME THEN PLEASE, PLEASE, COMPLAIN, BITCH, GRIPE, WRITE, EMAIL, PHONE, SEND MESSAGES THROUGH THE NTS, DO WHATEVER YOU CAN TO LET THOSE IN THE SEAT OF POWER KNOW THAT YOU REALLY DON'T WANT THIS TO GO THROUGH! WE WILL MOST CERTAINLY LOSE THE FIRST ROUND, BUT IF ENOUGH PEOPLE LET THE FASC KNOW THAT WE ARE OPPOSED TO IT, IT MAY CARRY SOME WEIGHT FOR THE FUTURE. IF YOU DON'T AGREE WITH ME, THEN GO ON LIVING IN YOUR ROSIE LITTLE WORLD, AND COMPLAIN LATER WHEN SOME GUY WITH A CBERS DRAWL TELLS YOU WHERE TO STICK YOUR KEY WHEN YOU COMPLAIN ABOUT HIS ENCROACHMENT ONTO THE QRP FREQUENCIES, LEAVING YOU SITTING IN THE DUST OF QRM.

Now, why don't you guys get a real life by going out and firing up your rigs and making some QRP CW contacts. Or, even some SSB contacts. Geeez, even some packet contacts would be better than this sort of "talk show mentality". 73/72 to all, Pete K80UA QRP ARCI #4075, FISTS #1254, ARRL member (but not necessarily proud of it right now), QCWA, ORS, exVK80U, exVK6A0U, exVK8PK.

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: bkassel@enet.net (Brian Kassel)
Subject: [9730] SD etc. DXpedition Addendum
Message-ID: <199606120004.RAA04867@maple.enet.net>

Sorry for the bandwidth, but wanted to let everyone know that in addition to the 40, 20, 15 and 10M bands, as outlined in my last message, I will be operating on 30M as well, as I was able to locate a 30M hustler resonator. Therefore to briefly recap, I will be operating from 6-12 through 6-26 as I mobile/QRP from AZ through NM, TX, OK, KS, NE and SD, where I will be operating QRP FD. I will attempt to stay as close as possible to the QRP operating frequencies. On 30M I will use 10.106.

I am running my QRP+ at 5W, and the antennas will all be positioned on a magnetic mount on the roof of our Ford Crown Vic., so there is a reasonably good ground plane for the antennas to work against.

I plan to operate on the highest band that is open at any given time, almost completely CW. My wife will do all of the driving so I plan to be on the air most of the time as we drive, and quite often from SD itself when we arrive. Hope to work any and all who might need these states or who just want to chat.

Thanks again
Brian
W5VB0/M/QRP

Brian
Brian D. Kassel W5VB0
K.C. Consulting

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: NYOUNG@desire.wright.edu
Subject: [9718] So far, so good & other non-CW/allocation/licencing topics
Message-ID: <01I5SCEZH4WI91XE3V@desire.wright.edu>

And no, I ain't gonna talk about pulling the .36 cap-n-ball on the neighbor's mix-breed mutt. Cindy got so freaked that she said that she'd leave me if I do that again. Next time I'll use the axe. Less noisy.

I got the RadioKit 75m radio's BFO working last night. Don't ask

me why -- 'cause I don't know -- but it didn't work at first.
I fired up the iron and tried to remove the little tuning cap
from the board. It came off. The BFO started osculating. I turned
off the power and pushed the cap back on. Power up. BFO works.
Power off; solder in the cap
; power up. BFO works. In fact, I
could shift it down to the 9.0015 MHz freq it's supposed to run
on.

Then I checked the VFO. Nada. Nawthin. So tonight, if I can
remember that long, I'm gonna try some other tacks. Might eve
get the VFO to run. Then I can start on the rx mixer and the
other stuff.

Gonna have lots of room in the intended box. Lots of room.
In fact, I'm thinking of putting the "hi-per" cw filter
that I got from DSP&K a while ago. It's a pretty good filter
and it might just add to the weird noises that I hope to get
from the RadioKit box, once it's done and finished. It'll be
neat, too, 'cause I'll have rig what I can run microphonics on
and talk t' all my good buddies out there in skimp land what
like to defend their houses with AK47s and keep a litter or
two of Rothweilers on hand jist in case the Harmogaddens
come down outta space in there flyin' slave ships full of
commie pinkie simple-sizers. Yessireee buddy, I kin hardly
wait!

73

Nils

WB8IJN +c

Mebbe ifn' I'd poot the VFO tgether lack it's sposed to
be it'd work ok dontchathink?

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Stan Skelton <sskelton@cln.etc.bc.ca>
Subject: [9701] surface mount parts (micro-size)
Message-ID: <Pine.3.89.9606110909.A6291-0100000@sparky>

My "Micronaut" kit hasn't yet arrived but I have been doing a little
research into construction techniques...One posting I have seen suggested
using crazy glue to hold the itsy-bitsy things in place prior to
soldering them... a local tech guy just about had a fit when I suggested
this to him...it seems some crazy glues have a chemical composition that
releases significant quantities of CYANIDE gas when heated....I was told
that it would really mess up the kit if I was to go into convulsions and

die, thereby knocking the tiny parts around the room rendering them lost to whomever would like to take over and finish it.
btw...please please please start another list for the CW debate?
TtFn....Stan T.M. VE7 SKT QRP-L #34

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: BWHITTEM@mailgw.sanders.lockheed.com
Subject: [9710] thanks for digest info
Message-ID: <1bdb8380@mailgw.sanders.lockheed.com>

thanks to all who sent info.
thats why i like this group
73
barry
qrp-l 51

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Joe Gervais <vole@primenet.com>
Subject: [9670] TMPS at last, AK to boot
Message-ID: <199606110727.AAA08614@primenet.com>

Wahoo!!! Finally got off my duff and built an inverted vee for 30m, and just a few minutes ago worked my first ever AK station! Thanks to AL7QC for pulling in my weak sig even as he was trying to go to bed. A true gentlemen. Just wrote a very grateful note on the back of the QSL I'm sending him.

Can't believe what I've been missing out on all these years on 30m. I went years without even *hearing* an AK on 40m/20m/15m, much less working one. Then in two days of cruising 30m, bingo.

It's well after midnight, I have a critical meeting early in the morning, and I'm as giddy as the day I made my first QSO. Man, am I easily amused or what? :-)

Cheers to all,

-Joe, Who's wondering how the muzzle velocity of a haggis would compare to that of a Rocky Mountain Oyster if

they dropped the morse code requirement for HF.

KC7NEV, AZ ScQRPion #7

(Drum roll please....)

KC7NEV TMPS 1996 Qs=006 States=6 Confirmed=0 DX=000
AK, CA, CO, LA, OR, WA

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: jeffa@ix.netcom.com (Jeff Anderson)
Subject: [9733] Trivia Question
Message-ID: <199606120059.RAA15405@dfw-ix5.ix.netcom.com>

I was in New York City this last weekend and spent part of a day touring the Metropolitan Museum of Art. While there, I stumbled across a painting in the American wing which, much to my surprise, I discovered was painted by someone well known to all amateurs in the U.S. (and perhaps world-wide), and, given a current thread on this list, well loved by many QRP'ers.

The painting was of the artist's daughter (an excellent painting, I might add), and an accompanying notice mentioned that this artist's fame as a painter was eclipsed by his fame in the realm of communications. Who was he?

Answer:

.. .- -- ..- .- .-.. -- --- .- . . .

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [9729] USA QSL Bureau Announcement!
Message-ID: <31BE2F46.7A8@acsu.buffalo.edu>

Hi Guys,

Have you all seen what may be the best way to transport all of our /P QSL cards to each other? No more big postage and crumpled cards to boot!

Check out the following announcement @

<http://www.accessone.com/~vbook/1996/may/usaqsl.htm>

I think that this would be a great way to QSL the group members here and it would give the new bureau a shot in the arm at the same time.

If you do not have a browser, here is the text from that site.

To my valued fellow hams,

Now you have a USA QSL bureau for all your domestic QSL cards: all 10 districts, territories and trusteeships of the U.S.A. Yes, this means you can now send all your domestic QSL cards via the "USA QSL BUREAU" and you can send "QSL VIA USBURO" on the air!! Save \$\$\$ on postage-callbooks-CD-ROMS Fast.. Prompt.. Professional.. Service.. For hams by hams Rates for your outgoing cards:

2 - 10 Cards \$.10 EA.
10 for \$1.00
50 for \$4.50
100 for \$8.00
over 100, \$7.00 per hundred cards

Please put the callsign of the station you are sending the card to in the address section (on the back of the card) in 3/4 to 1 inch letters!

Attention: Contesters, clubs, and special event stations - See the note below!

No charge for cards sent to you by the bureau but you must have at least one SASE on file - all hams encouraged to keep at least one #6-3/4 SASE on file at the bureau!!

NOTE: Those of you who send all your domestic QSL's via the "USA QSL Bureau", we notify stations who do not have SASE's on file, requesting them to send SASE's to collect their cards.

Start enjoying the savings and benefits today!!
Send us up to four #6(3-5/8 X 6-1/2) SASE's (With 1 Stamp each). Please put your callsign in top the top left corner!!! --OR-- Send \$5.00, and your correct return address and we will supply 10 addressed stamped envelopes for you. We will notify you when we need more.

Send your check and outgoing cards along with your SASE's to:
USA QSL BUREAU
P.O. Box 814-H
Brewer, ME 04412-0814

Operated by AA1MF & crew
E-Mail 102452.2315@COMPUSERVE.COM

Special services are available for: testers, clubs and special event stations; QSL manager services are also available. Contact us for more information and please tell us if you are a tester (over 1,000 cards per year), club, or a special event station.

Should you have any other questions, please let us know!! We are here to serve your domestic QSL cards needs!!

Please help us get the word out - pass along the information on the "USA BUR0" to your fellow hams. It helps us get cards moved faster...which means you get yours faster!
Many Thanks, 73'S

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: lve1@inel.gov (Larry V East)
Subject: [9706] Using copper pipe for ground rods
Message-ID: <2.2.16.19960611174637.3fa701e0@eloi>

There is an old trick for "driving" copper pipe into soil which I think has been mentioned on the list before but is worth repeating again.

I have many times used 10 foot lengths of 1/2 inch copper plumbing pipe for ground rods. "How do you drive the stuff into the ground without smashing the ends and bending the pipe" you ask? Simple: connect it to a water hose and let water passing thru the pipe "drive" it into the ground! I have a hose fitting soldered to a short length of copper pipe and I use a piece of rubber auto heater hose and hose clamps to attach the fitting to the pipe I am going to "drive" into the ground. Turn on the water, point the pipe at the ground and gently push -- it will go right in! Works in even hard-pack clay soils, but does not work well in sand without a lot of extra up-and-down motion applied to the pipe (does not work at all in solid rock!!). After the pipe is in the ground -- you may have cut it off if you hit rock -- disconnect the hose fitting and solder an end cap to the end of the pipe. Works great, and 10 foot lengths of copper plumbing pipe are cheaper than 8 foot ground rods!

72, Larry W1HUE/7

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Jim Stafford-W4Q0 <w4qo@america.net>
Subject: [9697] Re: 10 meters mobile, June 8 & 9 (Uniden)
Message-ID: <Pine.SOL.3.91.960611120533.12379B-100000@atl1>

On Mon, 10 Jun 1996, Jay Miller wrote:

> With my Uniden HR2510, in the vehicle, it was Sporadic E contacts all

Now is the time (low sunspot) to flush out those Uniden rigs. Have seen them for as low as a hundred bux. The HR2600 has a few more goodies such as FM offset as I recall. They are a bit above QRP at 12-15 watts but work great when the band is open. Put an ad in your local ham rag that you are looking for one and I'll bet you can find one for a good price. Also Radio Shack sold a version of this. One of them (I think) did not have CW.

Jim Stafford, W4Q0 NoGaQRP Group + RadioActive Schools(sm) -
11395 West Road Using amateur radio as
Roswell, GA 30075-2122 a teaching tool in north
770-993-9500 Georgia area schools.
Internet: w4qo@america.net Packet:W4Q0@WA4BR0.#atl.ga.usa.na
QRP-L #267 QRP-QRCI #6515 G-QRP #5588 MiQRP #897 NorCal #1092 CQC #307

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [9721] Re: 49er info
Message-ID: <199606112050.UAA29402@chuck.dallas.sgi.com>

Doug et.al.,

The NorCal home page is

<http://www.fix.net/~jparkers/norcal.html>

23 articles with mods on the 49-9er, 49er,

FYI

--

Chuck Adams (K5FO CP-60) adams@sgi.com

K5FO TMPS 1996 Qs=024 States=17 Confirmed=07 DX=01 (0.95W)

AL AZ CA CO FL IL IN MI OK OR SD TN TX UT WA WI WY

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996

From: n5zgt@swcp.com (Brian Mileschosky)

Subject: [9683] RE: Backpacking QRPP

Message-ID: <199606111404.IAA13879@kitsune.swcp.com>

OOPS!

Sorry Everybody...I meant I was going to use a FOLDED dipole on my backpacking trips, not an end fed dipole. I apologize for the mistake.

72,

Brian, N5ZGT

Boy Scouts of America

JASM -Troop 41

Albuquerque, N.M.

O.A. Lodge 66 <-W-W-W-<<

Amateur Radio - N5ZGT

ARRL QRP: NorCal# 1700

Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA

Internet: n5zgt@swcp.com

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996

From: Art Searle <asearle@netusa.net>

Subject: [9677] Re: Does QRP have a future??

Message-ID: <31BDA12B.750@netusa.net>

Or, Does Amateur Radio CW have a future?

Amateur Radio does not have a future with me without CW! If there ever comes a time when I can't find CW signals to work, then that's it, I'll do something else. I'll go out and shoot something. . . . and have a good time doing it.

72, de Art WU2K

--

72,73, de Art Searle, WU2K, Long Is., NY, ARRL Life Member

QRP-L #524, QRP ARCI #9123, NorCal pending, DXCC MX & CW HR

NRA Benefactor Life Member, NMLRA Life Member, AMA Life Member
NRA Certified Firearms Instructor, Dale Earnhardt Fan Club

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: sholla@panasonic.atlanta.com (Holland, Steve)
Subject: [9685] RE: Does QRP have a future??
Message-ID: <1996Jun11.101400.1619.28349@ntserver.panasonic.atlanta.com>

Art

I am new to the list but I feel the same way. I don't think we have anything to worry about. I personally like CW because it requires some thought before sending. Where as voice only requires you to open your mouth and speak.
I think that we will have all of the different modes because we are a very diverse group and what one likes another may not. I have no desire to do EME but I am glad to see there are people that do. I also think it is neat to be able to make a contact with as little power as is needed. Anyone can get contacts with 1500 watts but let them try low power and see what happens. It takes a different operating method to get by with less. 73 de N9HXX

Steve
sholla@panasonic.atlanta.com

From: asearle[SMTP:asearle@netusa.net]
Sent: June 11 1996 09:47
Subject: Re: Does QRP have a future??

Or, Does Amateur Radio CW have a future?

Amateur Radio does not have a future with me without CW! If there ever comes a time when I can't find CW signals to work, then that's it, I'll do something else. I'll go out and shoot something. . . . and have a good time doing it.

72, de Art WU2K

--
72,73, de Art Searle, WU2K, Long Is., NY, ARRL Life Member

QRP-L #524, QRP ARCI #9123, NorCal pending, DXCC MX & CW HR
NRA Benefactor Life Member, NMLRA Life Member, AMA Life Member
NRA Certified Firearms Instructor, Dale Earnhardt Fan Club

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [9689] Re: Does QRP have a future??
Message-ID: <199606111440.HAA06014@dancris.com>

At 09:39 AM 6/11/96 -0700, you wrote:

>Or, Does Amateur Radio CW have a future?

>

>Amateur Radio does not have a future with me without CW! If there ever comes a
>time when I can't find CW signals to work, then that's it, I'll do something
>else. I'll go out and shoot something. . . . and have a good time doing it.

>

>

I think that, even if the requirement for CW is removed, there will always
be folks who use it, and
some who use it exclusively...no one is telling us that we can't use it,
just that we don't have to
have it any more for an entry into the broader ranges.

This is not to say that I agree with the thought of removing the
requirement, as it does a lot to
denude the incentive licensing program. And, it seems that it isn't a done
deal yet, maybe enough
correspondence from those who want to keep it in will outweigh those who
don't. I remember the old
Citizens Radio Service and how that went, and really wouldn't like to see
the same thing happen to
Amateur radio, although it seems to be happening in the vhf-uhf bands anyway.
73,

Bob KI7MN NorCal 1221 ARCI 8918 Qrp-l 271 CQC 274 ARRL (Not in any
order of importance!)

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Kevin Muenzler <wb5rue@amsat.org>
Subject: [9690] RE: Does QRP have a future??
Message-ID: <01I5S0TW935Y001LVZ@ARWEN.UTHSCSA.EDU>

Real hams don't need linear amps! (or a microphone!)

Kevin, WB5RUE
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: sholla@panasonic.atlanta.com (Holland, Steve)
Subject: [9691] RE: Does QRP have a future??
Message-ID: <1996Jun11.113200.1619.28376@ntserver.panasonic.atlanta.com>

Kevin

Good saying. I found a T-shirt at a ham Fest this weekend that I think says it all. CW It's the real thing

73 de N9HXX
sholla@panasonic.atlanta.com

From: wb5rue[SMTP:wb5rue@amsat.org]
Sent: June 11 1996 11:20
Subject: RE: Does QRP have a future??

Real hams don't need linear amps! (or a microphone!)

Kevin, WB5RUE
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Pat Taber <ptaber@logicraft.com>
Subject: [9695] RE: Does QRP have a future??
Message-ID: <199606111547.LAA92461@nss2.CC.Lehigh.EDU>

At 09:46 AM 6/11/96 -0500, you wrote:

>Real hams don't need linear amps! (or a microphone!)
>

Funny you should mention that in this context. There is a group (mostly electronics manufacturers) who think hams are allowed too much power for a residential setting. They favore a 100 watt cap. Since everything is up for

reexamination when the WARC hits, I wonder if this will surface again?

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Kevin Muenzler <wb5rue@amsat.org>
Subject: [9696] RE: Does QRP have a future??
Message-ID: <01I5S390EQ4Q001LVZ@ARWEN.UTHSCSA.EDU>

On Tuesday, June 11, 1996 3:47 AM, Pat Taber[SMTP:ptaber@logicraft.com] wrote:
>At 09:46 AM 6/11/96 -0500, I wrote:
>>Real hams don't need linear amps! (or a microphone!)
>>
>Funny you should mention that in this context. There is a group (mostly
>electronics manufacturers) who think hams are allowed too much power for a
>residential setting. They favore a 100 watt cap. Since everything is up for
>reexamination when the WARC hits, I wonder if this will surface again?
>
>

Maybe so. Wouldn't bother me. I don't use an amp on HF anyway. The difference
between
100 watts and 1000 watts is only a couple of S-units anyway. I do have one for 2
meter
DX (500 watts).

Kevin, WB5RUE
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: "Jerry L. Bartachek" <jbartac@max.state.ia.us>
Subject: [9699] Re: end fed wire impedance
Message-ID: <31BDB7AA.5331@max.state.ia.us>

John WB40FT de Jerry KD0CA

John, the theory bantered about by OT's on the low bands is that a 3/8 wave
antenna (usually in
the inverted ELL configuration) has a radiation resistance (Rr) of roughly 100 or
more ohms. I
don't remember the exact figure, but the feedpoint impedance will always be
different than the
radiation resistance anyway. This simple antenna is said to be superior to a 1/4
wave due to the
increased efficiency from the higher radiation resistance.

Most of these antennas are fed directly through a tuner, but I have worked a few guys on 160 meters that feed them with coax and have a fixed tuning network at the base of the antenna. Direct feed or parallel line feeders out to the antenna will allow multiband use, however.

Since this antenna is located near the ground like a vertical (it IS a bent vertical, actually), the more extensive the ground the better except that with the higher R_r less of a ground and a non-resonant ground still yields a fairly efficient antenna.

In its simplest form:

Antenna Efficiency = Radiation Resistance (R_r) / [R_r + Ground Resistance (R_g)]

$Eff = R_r / (R_r + R_g)$

Example of 1/4 WL wire with average 50 ohm ground: $R_r = 35$, $R_g = 50$
Then: $35 / (35 + 50) = .41$ or 41% efficiency. 2.05 Watts of your 5W signal is radiated and 2.95 Watts is lost in the ground.

Example of 3/8 WL wire with average 50 ohm ground: $R_r = 100$, $R_g = 50$
Then: $100 / (100 + 50) = .667$ or 66.7% efficiency. Now 3.33 Watts of your 5W signal is radiated and only 1.67 Watts is lost in the ground.

If you want REAL efficiency try this: 1/2 WL wire with average 50 ohm ground: $R_r = 2000$, $R_g = 50$
Then $2000 / (2000 + 50) = 97.56$ or 97.56% efficiency. Finally 4.878 Watts of your 5W signal is radiated and the loss is now 121.9 milliwatts! That is why some writers in the QRP Quarterly favor end-fed 1/2 WL wires and some sort of small counterpoise or a hunk of chicken wire for the ground.

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Ahlgren@NCSBSR020U.ntc.nokia.com (Ahlgren Jukka (NTC/BS-OU))
Subject: [9671] Re: Explorer II Drift
Message-ID: <1996Jun11.115043.1604.93337@ntcit-mmta7.ntc.nokia.com>

>From: 103464.1355
>To: Low Power Amateur Radio Discuss
>Subject: Re: Explorer II Drift
>Date: 11. June 1996 0:25
>
>TO: Ron Giuntini, INTERNET:rong@slip.net
>
>Re: Re: Excessive Drift on EXP II
>
>Hi Ron,
> The cap to replace the variable C62 is a small blue fixed cap
> marked 683 (68 pf) and also marked C03 for whatever that
>may be.

Typo? Number 3 is the amount of zeros
after 68, so 683 means 68000 pF =68nF.

73, Jukka OH6SC

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Kevin Muenzler <wb5rue@amsat.org>
Subject: [9684] RE: Ground rods
Message-ID: <01I5RZHD276Y001LVZ@ARWEN.UTHSCSA.EDU>

On Tuesday, June 11, 1996 8:35 AM, RHILTO@acxiom.com wrote:
>This weekend I went o my local hardware emporium looking for ground
>rods; they offered 8 foot solid copper ground rods for what I thought
>was a high price. To my surprise, they also offered 8 foot solid
>something galvanized ground rods for about half price. Are the
>galvanized rods as good as the copper rods?
>
>This set me to thinking of ways to save \$\$ (hey - I _am_ a ham, and I
>have to uphold the finest tightwad traditions) -- could I use EMT
>(electrical metallic tubing)? What about copper tubing? Is this a
>case of saving a few \$\$ and endangering my whole house?
>
>7.3, ki5ez
>Bob
>
>

It is very doubtful that it was solid copper. It was most likely copper plated steel.

Get that one if you can afford it. The galvanized one is OK but if you have a very acid soil the zinc "plating" will quickly corrode away and then the steel shaft will rust. You can braze to the copper plated one. What I did was dig up a small section of my yard, about 5 X 5 feet square. I had to promiss my wife that I would completely restore the area. I constructed a small grid using 1/4 inch copper tubing that is used for water pipe. The total length of the tubing is around 50 feet so I have a large surface area. I burried it about one foot below the surface. This makes a great ground and it will last a very long time.

Kevin, WB5RUE
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: "j.w. thornton" <dub@oklahoma.net>
Subject: [9686] RE: Horiz. Delta Loops
Message-ID: <199606111438.JAA15969@dns.okc>

Hi LB & gang: Very interesting and informative thread, this one on loop antennas. I have used the 80mtr delta loop @35', tuned feedline for several years, and find it to be a very good all (cept 160M) ant. I have read and re-read every article I could find on loop ants.

This single posting by LB Cebik sure makes it easy to understand in a general way how the antenna is acting.

LB, thanks for your fine efforts. I know this takes a lot of time and effort, but it is appreciated.
J. W. (Dub) Thornton WA5YFY
Minco, Ok.

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Pat Taber <ptaber@logiccraft.com>
Subject: [9703] Re: Is QRP Dead
Message-ID: <199606111703.NAA135931@nss2.CC.Lehigh.EDU>

At 11:39 AM 6/11/96 -0500, you wrote:
>What is says to me
>is that the current written tests are lacking. The structure we have in
>place for written examinations allows many to pass the written test by

>memorizing the questions and answers. I am a volunteer instructor and
>examiner. I have seen many pass elements for the advanced and extra without
>an understanding of the written material - They used memorization!

>

I also am an instructor and examiner. I have seen as many cases where people failed exams because they *failed* to use memorization -- they didn't know the band edges (which cannot be derived and must be memorized) they didn't know the names of oscillator circuits (same) or what "ascending node" means w/r/t satellites. The fact is, there is a lot of material on the exams that can ONLY be learned by memorization and a lot more that is learned by memorization of an accepted kind (how many pass the exam because they know 2468 means $1/2$ wave = $468/f$, or "Ohms law is as easy as $P(=)IE?$ " That's memorization. If anyone cares enough to put in the EXTRA effort required to memorize a question pool when all they had to do was memorize a few simple formulae, more power to them. They'll be able to memorize the operating conventions just fine.

>The current code requirement is a feeble attempt to make up for what is
>lacking on the written exams.

No, it's not. Some people are trying to force it to be that way, but that's not what it's about. They try to *make* the exams a barrier or they *wish* the exams were a barrier, but the code exam was never meant to be a barrier. It was just a proficiency test.

What some people see as a problem is that if the code test goes away in these days of no-money-for-enforcement nothing is going to take its place. I've heard all kinds of crazy proposals for testing to replace code -- it ain't gonna happen. The only way to "filter" folks left will be peer pressure. And peer pressure requires people to get more involved with the new folks coming in and not only make them feel welcome but make them have a reason to want to be accepted by the old far-<ahem>-guard. It can be done, but that means everyone has to show great respect of each other and the ideals of behavior.

As to the upset that new hams will cause to established hamdom... well, they have as much right to the frequencies as any other ham (at present.) If they suddenly make up majority of the ham population and they decide they want things to change, I think they are in the right to change them. So maybe both sides have something to gain from cooperation.

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996

From: Pat Taber <ptaber@logicraft.com>

Subject: [9717] Re: Keep the code requirement: On Morse, Latin, and

Message-ID: <199606111926.PAA57426@nss2.CC.Lehigh.EDU>

>I graduated from high school in 1975. Latin was not required, and I have
>since felt that I missed something important. I've since learned that
>Latin and its syntactic constructs provide the foundations of many
>languages, including English. An understanding of Latin helps one learn
>Spanish, French, Italian and other languages more quickly.
>

I graduated from high school in 1971 and although Latin was not required I took it anyway. Yes, it helps learn some languages. Of course, learning Spanish instead of Latin gives you just as much basis for learning Italian or French. Except you can use Spanish every day. Actually, it's learning languages that helps you learn languages in the same way building electronics projects helps you understand electronics.

People still learn Latin, by the way. They do it because they want to.

>Latin word forms are also the basis of much of the terminology used in
>science. If you know and appreciate the genesis of these terms, it is far
>easier to learn unfamiliar terms and to situate them in a model of how the
>sciences interrelate.

Yes, but you'd also have to learn Greek to appreciate it even more. Not Greek as it's spoken today, but classical Greek. Some people do. They do it because they want to. But, frankly, all you need to know is that 'kilo' means thousand to understand what a kilogram is. You don't have to know if it comes from Greek or Latin. But many people do want to know and they look it up without anyone forcing them to.

>

>Latin was proclaimed an anachronism by educators unwilling to teach a new
>generation of students who didn't want to learn any language--including
>English--and whose appreciation of science has grown more shallow with each
>passing decade. Sorry, folks, but this has just accelerated the demise of
>language *and* science.

So, if what you say is true, the rate of invention has fallen off and we're not making any new discoveries, and new products and materials are not being invented and so on. HMMMMMMMMMM. Scientific method says you're wrong.

>Also, let's not forget that building a CW transmitter is the first rite of
>passage for anyone who wants to understand radio electronics. Morse is as
>fundamental to the radio art as 0 and 1 are to Boolean algebra.

So I did it wrong, huh? My first project was a Heath Vacuum Tube Voltmeter. Then I built some receivers. My first transmitter was a kit that output in the AM broadcast band, but not enough so my friend next door could hear me (which was what I was after. We were 9 or 10 at the time.) I didn't build a

CW transmitter until I was 40. You're telling me I didn't understand radio electronics. Cool.

>I hope that we can recognize the value of the code, and not let the fact
>that it is hard for some to learn seal its fate.

I hope that we can recognize the value of code and not let it occupy a spot larger than it deserves. Latin didn't die, it just got put in perspective. People didn't lose the ability to communicate because Latin isn't mandatory any more. We haven't lost the ability to communicate because nobody's hiring telegraphers any more. You can argue that at its base modern digital communications is a take off Morse code, but we don't need Morse to understand digital communications any more than we need to understand Latin to learn Spanish.

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996

From: rxd7@rabbit.INS.CWRU.Edu

Subject: [9709] Re: Keep the code requirement: On Morse, Latin, and fundamentals

Message-ID: <199606111814.0AA08603@hunny.INS.CWRU.Edu>

>I disagree with an earlier comment that knowledge of Morse code should be
>strictly voluntary. If Morse is voluntary it will nearly disappear, just
>as surely as knowledge of Latin has nearly disappeared among high school
>students. Some may applaud this, but read on.

>

>I graduated from high school in 1975. Latin was not required, and I have
>since felt that I missed something important. I've since learned that
>Latin and its syntactic constructs provide the foundations of many
>languages, including English. An understanding of Latin helps one learn
>Spanish, French, Italian and other languages more quickly.

>

>Latin word forms are also the basis of much of the terminology used in
>science. If you know and appreciate the genesis of these terms, it is far
>easier to learn unfamiliar terms and to situate them in a model of how the
>sciences interrelate.

>

>Latin was proclaimed an anachronism by educators unwilling to teach a new
>generation of students who didn't want to learn any language--including
>English--and whose appreciation of science has grown more shallow with each
>passing decade. Sorry, folks, but this has just accelerated the demise of
>language *and* science.

>

>Now consider Morse code. Like Latin, Morse occupies a unique niche, in
>this case at the intersection between rudimentary binary signaling (i.e.,

>digital communications) and a semi-universal lexicon (e.g., the English
>alphabet, not to mention others). As such it is fundamental to what I'll
>call "marginal" communications: communications in situations where an
>exchange of information is difficult. Such situations can arise for
>several reasons: (1) poor propagation; (2) the use of low power; (3)
>unavailability of complex signaling modes; (4) comprehension problems due
>to accents and language differences.
>
>Taking each of these marginal communication scenarios in turn, you find
>that Morse code is an indispensable asset:
>
>(1) If propagation is poor, CW will get through when many other modes won't;
>
>(2) If power is reduced (this is QRP comes in, folks) communication often
>occurs at or below the noise floor, and CW is again often the only way to
>get a message through;
>
>(3) If all digital, SSB, FM and other complex signaling modes are
>unavailable because of equipment failure, and you're in an emergency
>situation, you can often still get a message through by cycling the power
>to the transmitter in an ad-hoc fashion, i.e. sending Morse code by making
>and breaking the battery contact;
>
>(4) Many people who know a little English can communicate via Morse even if
>they would be completely unable to understand each other over a voice
>channel.
>
>Also, let's not forget that building a CW transmitter is the first rite of
>passage for anyone who wants to understand radio electronics. Morse is as
>fundamental to the radio art as 0 and 1 are to Boolean algebra.
>
>I hope that we can recognize the value of the code, and not let the fact
>that it is hard for some to learn seal its fate. Are we a bored, restless,
>illiterate lot who must be coddled with simpler subjects?
>
>Let's not give in to the rampant downsizing of knowledge in the 90's.
>Understand the fundamentals. Keep the code.
>
>Wayne Burdick
>N6KR

Gentlemen,

I believe Wayne has given an excellent explanation why the code should stay. Was not too long ago that calculators were replacing manual math with younger students. We all know that did not work out. I cannot see any advantage to eliminating the code requirement either.

73,

Dick Dell, WD8ISB

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Kevin Muenzler <wb5rue@amsat.org>
Subject: [9712] RE: Keep the code requirement: On Morse, Latin, and fundamentals
Message-ID: <01I5S8G79E20001LVZ@ARWEN.UTHSCSA.EDU>

Let's not confuse the issue with facts! :})
Kevin, WB5RUE
wb5rue@amsat.org

-- real hams don't need amps (or mics)

"The world is a comedy to those who think and a tragedy to those who feel."

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [9735] Re: Keep the code requirement: On Morse, Latin, and fundamentals
Message-ID: <Pine.LNX.3.91.960611195601.7898G-100000@dt1.datatamers.com>

Wayne,
Well said! I agree completely.
72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [9736] Re: KNOW CW
Message-ID: <Pine.LNX.3.91.960611195903.7898H-100000@dt1.datatamers.com>

Charles,
I HAVE one of those badges & wore it at Dayton. They come from the FISTS
group (a group for the preservation of Morse).
72, Dave, W6EMD

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [9725] Re: Mail archive not updating?
Message-ID: <96Jun11.170548-0400edt.65656-14099+86@hooch.CC.Lehigh.EDU>

> Jim, I tried everything you mentioned (below) but I still can't get at the
> QRP-L archives. I can get into the list of archives by day, but when I
> click on an individual day, such as:
>
> <ftp://www.lehigh.edu/pub/listserv/qrp-l/1996/960611>

Wayne & Gang,

My apologies to those that were having trouble with this. It wasn't until Wayne included the URL that I realized the problem was with the daily archive files and not the HyperMail archive. Anyway, the problem should be fixed now (famous last words...) although you may have to clear the disk and/or memory cache on your browser to get the corrected page to come up.

73
Jim N3VXI

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: sholla@panasonic.atlanta.com (Holland, Steve)
Subject: [9700] RE: MEMORANDUM: CW Requirement Eliminate
Message-ID: <1996Jun11.122800.1619.28392@ntserver.panasonic.atlanta.com>

Kevin

Very well said. One thing I think Pat should think about is that as a society we try to make it easy for everyone to get what they want. A large part of the population wants something for nothing. A good example is the schools passing kids that are illiterate. Gosh it might hurt their self esteem to actually make them learn something for a high school diploma. This is why a lot of companies now like a person to have some college so that they can get the same level of person they used to get from high school. If you don't think we will have trash on the bands listen to the repeaters in your area. Not all are bad but there are enough that make you wonder about the future of two meters.

One thing I don't think a lot of people think about is that the CB group has a small amount of frequencies that no one really wants to use. What

do you think we will have for an argument when a reallocation hearing is set and someone that wants to get some of the amateur spectrum plays a tape of on the air conduct on the frequencies they want. How are we going to defend our selves when we have morons on the air representing us as a bunch of uneducated bafoons.

I am an extra class and some people may consider me a geek but I worked hard for what I have and I don't think it is too much to ask a person to study a little to get something worthwhile. Believe me if I can learn code anyone can.

I don't mind the no-codes having what they have now because it stays local. What is scary is if they get HF privileges think how the world will see us then. Imagine all the 2-meter trash on 20 meters. And yes I know there are some bad operators on 20 meters but they are in the minority. Think how it would be if they were the majority.

And as I said in a previous post at least on CW we have to think before we send our message. 73 de N9HXX

Steve
sholla@panasonic.atlanta.com

From: wb5rue[SMTP:wb5rue@amsat.org]
Sent: June 11 1996 11:54
Subject: RE: MEMORANDUM: CW Requirement Eliminat

On Tuesday, June 11, 1996 9:03 AM, Pat Taber[SMTP:ptaber@logiccraft.com] wrote:

>
>I always have a hard time understanding the people who talk about how great
>CW is out one side of their mouth and talk about how CW will die if it's not
>required by law out the other. Get your story straight.

Well, being in education, I have noticed that people will rise or sink to meet your expectations or requirements. I feel that CW would eventually "go away" as a band segment very quickly for two reasons. The "flood" of new operators will probably not be as bad as many people have said but there will certainly be a large number

of new applicants. Since the only real portion of the testing will be eliminated. The rest of the test elements are simply memorization and are not really test elements any more.

The reason that I feel that CW will disappear as a segment will be because of the overcrowding in the current phone portions.

There will be so much crying and moaning that phone will be allowed on all portions of the bands as CW is now and the CW operators will crowd out by the new ham/CB'ers who want to just get on and play.

>

>CW was in the international treaties because the world needed telegraphers

>and ham bands were a great place to train them at their own expense. We

>don't need telegraphers any more. So it makes sense to remove the

>requirement from the treaties. Nobody is talking about outlawing CW, they're

>just talking about removing the requirement.

Outlawing CW? Perhaps so. I'm sure that if phone is opened up to all band

segments there will be

portions where CW is not allowed. These segments will grow with time.

Many

people have equated

CW/Phone with the horse/car. How many people ride horses to work now that

cars

are available?

Horses are not allowed on roads, are they? (I know this is for safety reasons

and tongue is firmly

in cheek)

>

>Does this mean that the requirement will also be dropped in the US testing?

>It might. I certainly would support it. If there's strong support among

>hams, it will be gone.

You bet it would! The first thing that would happen is that all the tech

(-)
licensees would petition the
FCC and congress for a no-code HF license class.

>
>The oft-mentioned CB problem is as much a case of squeezing too many
>people into too small a space as it is anything else.

What do you think will happen when the CW requirement is dropped? Look
what
happened to CB
when the license requirement was dropped! The only thing that would keep
CB
types off is the
price of the gear. Of course with the increase in demand that will soon
change. Just think of it,
nine-band, all-mode HF transceiver for \$299! A single band 20 meter
mobile for
\$49 from Radio Shack.

>
>Will the ham bands become flooded with CBers if the code is dropped? It
>depends on how the current hams conduct themselves. I'd like to think it
>won't degrade into CB, but it also won't be the geeky paradise it's been
up
>to now. It's change. Not all change is bad, but when you're the one
being
>asked to share, it seems like it is.
>

How can the current hams prevent the "flood of CBers?" We can't keep
them
from
getting on the air.
I guess we could refuse to talk to them but that won't keep them from
talking
to each other.

>...not respect the folks who did. They might even set up their own
criteria
of
>goodness and exclude the old folks. It's scary.
>

Just look at the way the no-code tech licensees refer to other hams. We
are
called "olde fartz",
the Extra Class operators are called "extra-elitists." No respect at all
(Rodney).

>All I can say is hams (past, current or future) don't own the bands.

<snip>

>

>>>>==>PStJTT (KC1TD)

No we don't but we earned the privilege to use them. What we, most of us, resent is the fact that the no-code techs want what we worked for, for nothing - HF privileges.

Kevin, WB5RUE
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Pat Taber <ptaber@logiccraft.com>
Subject: [9681] Re:MEMORANDUM: CW Requirement Eliminated
Message-ID: <199606111401.KAA137903@nss2.CC.Lehigh.EDU>

At 06:42 PM 6/8/96 -0600, you wrote:

>I belong to a somewhat new radio club in my area that has quite a few new Tech Class hams. We are trying to get them to upgrade, so I need frequencies and times that CW practice is given on the air. Can anyone help me with this item?

>

I assume you now have enough W1AW operating schedules to paper your house, so I won't send one along. I would like to suggest that you might want to encourage the Techs and others of your club to get multi-mode VHF/UHF gear and get on the weak signal freqs and learn CW by doing.

Most hams seem to have a fixation that HF *is* ham radio and even some hams who should know better were all over the Tech license because "there is no place for them to learn CW." The weak signal areas of 2m and 70cm are hot with CW (and SSB) during contests and often have people working activity nights. 6m is even more populated and there's a chance for some good DX! All of these areas could stand some development and personally I'm hoping the Tech license makes it happen.

If you could get enough people to gear up for one of the V/UHF bands, then you could set up a local watering hole where people could get on and exchange elephant jokes or whatever and CW proficiency would follow as night follows day. There's nothing like sending among friends to give confidence

and confidence is all it takes to do CW.

72,

>>>==>PStJTT (KC1TD)

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Pat Taber <ptaber@logiccraft.com>
Subject: [9682] Re:MEMORANDUM: CW Requirement Eliminated
Message-ID: <199606111403.KAA53870@nss2.CC.Lehigh.EDU>

At 01:14 PM 6/10/96 PDT, you wrote:

> ===== AMATEUR RADIO BULLETIN =====
> Nov. 25

> [edited for brevity]

> comments of Pete Kozup (K80UA), I respectfully request you read his
> posting "Does QRP have a future??", and make your case (pro or con)
> known before the above bulletin comes across your desktop with no
> recourse but complaining in retrospect.

I always have a hard time understanding the people who talk about how great CW is out one side of their mouth and talk about how CW will die if it's not required by law out the other. Get your story straight.

CW was in the international treaties because the world needed telegraphers and ham bands were a great place to train them at their own expense. We don't need telegraphers any more. So it makes sense to remove the requirement from the treaties. Nobody is talking about outlawing CW, they're just talking about removing the requirement.

Does this mean that the requirement will also be dropped in the US testing? It might. I certainly would support it. If there's strong support among hams, it will be gone.

Do I favor removing the country club status of the CW subbands? Not really. The bands came into being to give the rest of the world a place to use phone without US stations hogging the freq. That still seems like a good idea. On the other hand, there may well be pressure from hams who want to use the space. If there are enough hams that want it or if the congestion gets so intense that they need it, I'd support letting the majority of hams use the space. The oft-mentioned CB problem is as much a case of squeezing too many people into too small a space as it is anything else.

Will the ham bands become flooded with CBers if the code is dropped? It depends on how the current hams conduct themselves. I'd like to think it

won't degrade into CB, but it also won't be the geeky paradise it's been up to now. It's change. Not all change is bad, but when you're the one being asked to share, it seems like it is.

It's natural to have misgivings. There's a (well-founded) fear that new residents of the bands who didn't have to pass the initiation ritual might not respect the folks who did. They might even set up their own criteria of goodness and exclude the old folks. It's scary.

All I can say is hams (past, current or future) don't own the bands. They're tenants. And the landlord can change the lease at intervals, which they're talking about doing now. I think it would be more important to prove that we're good tenants than it is to scream at the landlord. Use your energy to do something worthwhile and make (keep) the community at large think ham radio is a good and valuable thing. Spending lots of time trying to keep people out or hurling pre-emptive insults is self-defeating.

>>>==>PStJTT (KC1TD)

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Kevin Muenzler <wb5rue@amsat.org>
Subject: [9692] RE: MEMORANDUM: CW Requirement Eliminated
Message-ID: <01I5S2NGYD8E001LVZ@ARWEN.UTHSCSA.EDU>

On Tuesday, June 11, 1996 9:03 AM, Pat Taber[SMTP:ptaber@logiccraft.com] wrote:
>

>I always have a hard time understanding the people who talk about how great
>CW is out one side of their mouth and talk about how CW will die if it's not
>required by law out the other. Get your story straight.

Well, being in education, I have noticed that people will rise or sink to meet your expectations or requirements.

I feel that CW would eventually "go away" as a band segment very quickly for two reasons. The "flood" of new

operators will probably not be as bad as many people have said but there will certainly be a large number

of new applicants. Since the only real portion of the testing will be eliminated. The rest of the test

elements are simply memorization and are not really test elements any more. The reason that I feel

that CW will disappear as a segment will be because of the overcrowding in the current phone portions.

There will be so much crying and moaning that phone will be allowed on all portions of the bands as

CW is now and the CW operators will crowd out by the new ham/CB'ers who want to

just get on
and play.

>
>CW was in the international treaties because the world needed telegraphers
>and ham bands were a great place to train them at their own expense. We
>don't need telegraphers any more. So it makes sense to remove the
>requirement from the treaties. Nobody is talking about outlawing CW, they're
>just talking about removing the requirement.

Outlawing CW? Perhaps so. I'm sure that if phone is opened up to all band
segments there will be
portions where CW is not allowed. These segments will grow with time. Many
people have equated
CW/Phone with the horse/car. How many people ride horses to work now that cars
are available?
Horses are not allowed on roads, are they? (I know this is for safety reasons and
tongue is firmly
in cheek)

>
>Does this mean that the requirement will also be dropped in the US testing?
>It might. I certainly would support it. If there's strong support among
>hams, it will be gone.

You bet it would! The first thing that would happen is that all the tech (-)
licensees would petition the
FCC and congress for a no-code HF license class.

>
>The oft-mentioned CB problem is as much a case of squeezing too many
>people into too small a space as it is anything else.

What do you think will happen when the CW requirement is dropped? Look what
happened to CB
when the license requirement was dropped! The only thing that would keep CB types
off is the
price of the gear. Of course with the increase in demand that will soon change.
Just think of it,
nine-band, all-mode HF transceiver for \$299! A single band 20 meter mobile for \$49
from Radio Shack.

>
>Will the ham bands become flooded with CBers if the code is dropped? It
>depends on how the current hams conduct themselves. I'd like to think it
>won't degrade into CB, but it also won't be the geeky paradise it's been up
>to now. It's change. Not all change is bad, but when you're the one being
>asked to share, it seems like it is.

>

How can the current hams prevent the "flood of CBers?" We can't keep them from getting on the air.

I guess we could refuse to talk to them but that won't keep them from talking to each other.

>...not respect the folks who did. They might even set up their own criteria of >goodness and exclude the old folks. It's scary.

>

Just look at the way the no-code tech licensees refer to other hams. We are called "olde fartz", the Extra Class operators are called "extra-elitists." No respect at all (Rodney).

>All I can say is hams (past, current or future) don't own the bands.

<snip>

>

>>>>==>PStJTT (KC1TD)

No we don't but we earned the privilege to use them. What we, most of us, resent is the fact that the no-code techs want what we worked for, for nothing - HF privileges.

Kevin, WB5RUE
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [9702] RE: MEMORANDUM: CW Requirement Eliminated
Message-ID: <Roam.3.0.834511725.15183.myers@bigboy>

Kevin Muenzler wrote:

> How can the current hams prevent the "flood of CBers?" We can't keep them
> from getting on the air. I guess we could refuse to talk to them but that
> won't keep them from talking to each other.

I know I'm just adding to the problem of non-QRP discussion on the QRP list, but this comment was too much to resist.

I've long said that the quality of amateur radio is up to the radio amateurs. If anything makes amateur radio decline in quality, it will be the old-timers deciding that newly licensed amateurs aren't "good enough" and then attempting to exclude them. What makes amateur radio good is when the

existing community learns how to embrace the influx of new amateurs and, without the judgemental tone, encourage the newcomers to learn, expand and grow.

I've seen what happens to a radio club when the old timers won't accept the newcomers. It isn't pretty, and it starts with comments like "I guess we could refuse to talk to them".

Now, can we save the sour grapes for r.r.a.policy and try to maintain the quality of the QRP mailing list?

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Kevin Muenzler <wb5rue@amsat.org>
Subject: [9711] RE: MEMORANDUM: CW Requirement Eliminated
Message-ID: <01I5S88NSP50001LVZ@ARWEN.UTHSCSA.EDU>

On Tuesday, June 11, 1996 4:48 AM, Dana H. Myers[SMTP:myers@bigboy.West.Sun.COM] wrote:

>Kevin Muenzler wrote:

>

>> How can the current hams prevent the "flood of CBers?" We can't keep them
>> from getting on the air. I guess we could refuse to talk to them but that
>> won't keep them from talking to each other.

>I've long said that the quality of amateur radio is up to the radio amateurs.
>If anything makes amateur radio decline in quality, it will be the old-timers
>deciding that newly licensed amateurs aren't "good enough" and then
>attempting to exclude them. What makes amateur radio good is when the
>existing community learns how to embrace the influx of new amateurs and,
>without the judgemental tone, encourage the newcomers to learn, expand
>and grow.

>I've seen what happens to a radio club when the old timers won't accept
>the newcomers. It isn't pretty, and it starts with comments like "I guess
>we could refuse to talk to them".

You are reading too much into my post. I never said that we shouldn't talk to newcomers.

That "suggestion" was so show that we can't keep them off the air. They would have just as much

"right" to be there as I do if the regulations allow them to be there.

I also never said that the new hams "aren't good enough." That's what you have implied by my

statements "they don't deserve...." That just means that they should not have [insert privilege here]

if they haven't done the work. You don't change the requirements to suit those who don't want to follow them. I've always accepted new hams "with open arms" but I will tell a new ham that if he wants the "better" privileges he needs to work for them.

>Now, can we save the sour grapes for r.r.a.policy and try to maintain
>the quality of the QRP mailing list?

Right, I just couldn't resist replying to this when it showed up here.

This thread continued on USENET:rec.radio.amateur.policy
where it belongs!

Kevin, WB5RUE
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: NONE <wynnt@utkux.utcc.utk.edu>
Subject: [9727] Re: Non-qrp stuff
Message-ID: <Pine.SOL.3.91.960611180205.803A-100000@utkux4.utcc.utk.edu>

On Tues, 11 Jun 96 <tpettibo@NMSU.edu> wrote:

>With all due respect, can we please keep this crap off of the list? I can
>also get excited about spousal abuse, the hungry, gun control, etc. This
>just isn't the place for it in my humble opinion.

>Tim AB50U

Amen!

Presenting off subject theses to a captive audience reflector, infers that the theses is too weak to stand the scrutiny of the appropriate newsgroup and makes the chronic offenders who continue to stuff the 400+ mailboxes look sophomoric. Please don't encourage the offenders.

Rec.Radio.Amateur.Policy is for CW good, CW bad, blah blah discussion and constantly carries on a lively discussion on the subject.

Rec.Radio.Amateur.Antenna is for discussion of the esoteric aspects of antenna design, with people like Roy Lewellen, etc. hang out there.

Rec.Radio.Amateur.Homebrew is for discussion of homebrewing (sans QRP of course).

If you do not know how to receive these newsgroups, contact your service provider.

-wynnt

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Stan Skelton <sskelton@cln.etc.bc.ca>
Subject: [9722] Re: OHR 100 Description
Message-ID: <Pine.3.89.9606111352.A8292-01000000@sparky>

I'ts a shame that the OHR 100 doesn't include 80 meters....up here in Canada our 2nd level of license restricts us to 80 & 160 meters...there probably would be a good market for an OHR kit (I own a Sprint) cause they are so good, but, Oh well...
TtFn....Stan T.M. VE7 SKT QRP-L #34

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Pat Taber <ptaber@logiccraft.com>
Subject: [9714] Re: QRP's Future Mark II
Message-ID: <199606111844.0AA134667@nss2.CC.Lehigh.EDU>

>If, on the other hand, you disagree with me, then so be it. Those of you who
>think that people with no need to learn morse will learn it in any numbers at
>all can believe that, but I've thought and thought about similar situations
>where people have intentionally taken the more difficult way to do something --
>even if it could be proven to be more worthwhile -- without being forced to by
>some authority, and I can come up with none. But, then I'm an old guy, maybe
>some of you younger bright sparks can give me some examples of this happening.
>I hope so, because it will serve to cheer me up.

Hmmmmmmmm... Everyone I know who plays a musical instrument. People who have DXCC with a QRP endorsement. Folks who can dance. Or sing. Guys who have a cellar full of stuff they built themselves (be it radios or model railroads.) Every activity where people are allowed to choose for themselves. Even being a ham at all shows that you purposely chose to do it. Nobody forced you. You don't get anything for it except self-satisfaction. In fact, I can think of more situations where people have taken effort they didn't have to (climbing Everest? Swimming the English Channel?) than I can think of instances where force has worked.

>Finally, for those of you who think that CW should go so that you have
>the right to get on HF without much effort, I say, what about my daughter Sara,
>KB8RHG, sixteen years old and hates to talk on FM or SSB, will only use CW.
>What about her? Doesn't she have the right to enjoy her aspect of amateur radio
>too?

Nobody is talking about outlawing code. Nobody is talking about forcing your daughter to use SSB. These fears are unfounded. There are people who dress up in renaissance (awww, I never could spell it) clothing and play gut-stung lutes still out there having a good time on the weekends. Morse won't die. It will just take a place no bigger than it deserves.

From owner-qrp-1@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: sholla@panasonic.atlanta.com (Holland, Steve)
Subject: [9708] RE: surface mount parts (micro-size)
Message-ID: <1996Jun11.140300.1619.28415@ntserver.panasonic.atlanta.com>

Stan

If you are hand soldering the parts put a dab of solder on one of the pads and then hold the part on as you heat the applied solder. This way you solder one side at a time. This is the method I use at Panasonic and we are working with parts that are 40 mils wide. I would love to be able to work with the bigger parts like yours but we are trying to pack as much horse power as we can in the smallest package. It is also a good idea to inspect your work with a magnifying glass or microscope. I like to use the jewelers loops that attach to glasses. The scary thing is one of my engineers is looking at 0201 parts now.

You could not believe how small this is. Good luck on your kit. Also I prefer a tweezer that has a 45 degree straight angle for soldering. This is the only one I have found that does not launch the part if squeezed to hard.

We use a special adhesive when the machine places the part before soldering but for hand soldering this would be more trouble than it is worth. Good luck on your project and if you need any advise or more help please advise.

I do not know if crazy glue releases cyanide but I know it stinks when burned and will make you sick to your stomach and dizzy.

73 de N9HXX

Steve
sholla@panasonic.atlanta.com

From: sskelton[SMTP:sskelton@cln.etc.bc.ca]
Sent: June 11 1996 13:38
Subject: surface mount parts (micro-size)

My "Micronaut" kit hasn't yet arrived but I have been doing a little research into construction techniques...One posting I have seen suggested

using crazy glue to hold the itty-bitsy things in place prior to soldering them... a local tech guy just about had a fit when I suggested this to him...it seems some crazy glues have a chemical composition that releases significant quantities of CYANIDE gas when heated....I was told that it would really mess up the kit if I was to go into convulsions and die, thereby knocking the tiny parts around the room rendering them lost to whomever would like to take over and finish it.

btw...please please please start another list for the CW debate?

TtFn....Stan T.M. VE7 SKT QRP-L #34

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: kimitsuka_glen <glenk@dsg.tandem.com>
Subject: [9713] Re: surface mount parts (micro-size)
Message-ID: <9606111822.AA13171@sid1.dsg.tandem.com>

Stan, Don't bother glueing them in place. Just tack one end at a time and get a good pair of small tweezers. Also use a tip diameter that is made for small work. Weller 1/32" tips are good.

Yes, even "cured" superglue will emit a small amount of fumes that are pretty noxious.

Glen

From owner-qrp-l@Lehigh.EDU Tue Jun 11 23:21:52 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [9715] RE: Using copper pipe for ground rods

Message-ID: <01BB5799.F44E3700@muenzlerk.uthscsa.edu>

On Tuesday, June 11, 1996 12:46 PM, Larry V East[SMTP:lve1@inel.gov] wrote:
>There is an old trick for "driving" copper pipe into soil which I think has
>been mentioned on the list before but is worth repeating again.

>

>I have many times used 10 foot lengths of 1/2 inch copper plumbing pipe for
>ground rods. "How do you drive the stuff into the ground without smashing
>the ends and bending the pipe" you ask? Simple: connect it to a water hose
>and let water passing thru the pipe "drive" it into the ground! I have a
<snip>

>72, Larry W1HUE/7

>

>

>

>

Great Idea! I live in sand and my son took the garden hose, to which was attached
a high pressure
nozzle. He drove the garden hose about 20 feet into the ground and couldn't get
it back out.

I guess the nozzle got hung on a tree root. So, I can vouch for the water-hose
method!

Kevin, WB5RUE